

# ZAVIO D8210 2MP P-iris Motorized Outdoor Dome

**ZAVIO**  
Innovating IP since 2006



- Full HD 1080p
- SONY CMOS sensor
- P-iris
- Motorized lens with smart focus
- Smart features : Smart IR/ ROI/ Corridor Mode
- IP66 + IK10
- Operation condition : -40~60°C



D8210 Full HD motorized outdoor dome camera can keep consistent visibility all the time, is a perfect surveillance solution for monitoring 24x7 outdoor activities. This D8210 outdoor dome is extremely comprehensive, can work in almost any location, including banks, residential or public area. It features a motorized lens for remote focus and zoon control, the installer/user can remote control the focal length and precisely adjust the camera focus. This made D8210 hassle-free installation and maintenance. Besides, D8210 comes with Smart IR and P-iris to provide great clarity image all day. Compared to traditional IR, Smart IR can automatically adjusting IR output in response to the distance of the object to avoid over-exposure. P-iris can provide a clear image with better contrast and depth of field. That's why D8210 can overcome variation light condition to have clear image.

Compatible with ZAVIO CamGraba2.0, the most professional NVR software for free bundled can support up to 64 IP cameras and plug-and-play cloud solution, you can easily setup a surveillance system and 24-7 monitor from mobile devices, PC or laptop without any extra cost.

## Related models

Model Name	D8210	D7510	D7320
Feature	Full HD 1080p	5MP	3MP + WDR
	Motorized, P-iris	Varifocal, DC-iris	Varifocal, DC-iris
	Smart focus	-	-
	ICR + Smart IR 20m	ICR + IR 20m	ICR + IR 20m
	Alarm inx2/ outputx2	Alarm inx1/ outputx1	Alarm inx1/ outputx1
	SD	MicroSD	MicroSD
	IK10 + IP66	IK10 + IP66	IK10 + IP66

## Features

- Full HD 1080p
- 1/2.8" SONY Exmor CMOS sensor
- H.264 and Motion JPEG compression
- 30 fps at 1920 x 1080
- 2.8 - 12 mm, F1.4, motorized, P-iris lens
- True day & night with automatic removable IR-cut filter
- Smart focus system for remote focal & focus control
- Smart feature: Smart IR, Corridor Mode, ROI
- Smart IR 20m
- Two-way audio and built-in microphone
- RTC with built-in battery
- Built-in SD card slot
- 2 x alarm input, 2 x alarm output
- Tampering detection
- IK10 vandal-proof
- IP66 weatherproof
- Screwless 3-axis angle adjustment for easy instalation on walll or ceiling
- SSL v3 advanced HTTPS encryption
- Full support for Firefox, Safari and Mac OS
- Supports Samba network storage
- Multi-lingual user interface
- ONVIF 2.3 and Profile S compliant
- Free 64 channels ZAVIO CamGraba 2.0 NVR software
- Supports True Plug and Play Cloud Solution

## Smart IR



Smart IR OFF



Smart IR ON

## P-iris



Conventional



P-iris

## Applications



1. banking
2. Residential
3. Public Area

## ZAVIO IP Surveillance Solutions

### • Free Plug & Play Cloud Solution

You can watch Live Video on your computer or the mobile app on your iOS/ Android device. Setup is as easy as 1-2-3, and it's completely free!

Step 1. Now, go to [sat.qlync.com](http://sat.qlync.com)

Step 2. Create your account

Step 3. Add cameras to your account

Please go to [zavio.com](http://zavio.com) for a list of Cloud Solution support camera models



### • NVR Partners

ZAVIO IP Cameras are supported by a wide range of 3rd party NVR software and devices.

Please go to [zavio.com](http://zavio.com) for a list of our partners.

### • Free 64ch NVR Software

The most professional NVR software you can get for free!



### • 8ch/ 16ch Standalone NVR

The easiest way to view, record and playback up to 8 Full HD cameras all in real-time.



### • ONVIF

ONVIF 2.3 & Profile S compliant



# Technical Specifications

## Camera

<b>Model</b>	D8210 Full HD Motorized Outdoor Dome
<b>Image sensor</b>	1/2.8" megapixel CMOS sensor
<b>Lens</b>	F1.4, 2.8-12 mm motorized, P-iris lens
<b>Angle of view</b>	33°-107° horizontal
<b>Min illumination</b>	0.05 lux @ F1.3(color) 0.001 lux (b/w) 0 lux (IR LED on)
<b>IR working distance</b>	20m effective range Smart IR, adjustable brightness via FW
<b>IR LEDs</b>	High performance IR LED x 16(850nm)
<b>Day/Night function</b>	Mechanical IR cut filter Light sensor
<b>Pan</b>	345°
<b>Tilt</b>	70°
<b>Rotate</b>	345°

## Video

<b>Video compression</b>	Motion JPEG H.264 baseline/ main profile
<b>Resolutions</b>	Motion JPEG: 2 resolutions from 1920 x 1080 to 320 x 240 via API 2 resolutions from 640 x 480 to 320 x 240 via API H.264: 2 resolutions from 1920 x 1080 to 320 x 240 via API 2 resolutions from 640 x 480 to 320 x 240 via API
<b>Frame rate</b>	Motion JPEG: up to 30 fps at 1920 x 1080 H.264: up to 30 fps at 1920 x 1080
<b>Video streaming</b>	Simultaneous Motion JPEG, H.264 Controllable frame rate and bandwidth Support unicast (Real Time Streaming Protocol)
<b>Image settings</b>	Rotation: mirror, flip, mirror+ flip WDR enhanced Brightness, contrast, saturation, sharpness Overlay capabilities: Time stamp, Title, Title & Time stamp Privacy mask

## Audio

<b>Audio streaming</b>	Two-way (full duplex)
<b>Audio compression</b>	G.711 $\mu$ law, a law, AMR
<b>Audio input/output</b>	Line in/ line out

## Network

<b>Security</b>	Multiple user access levels with password protection, HTTPS encryption
<b>Supported protocols</b>	Bonjour, TCP/ IP, DHCP, DNS, DynDNS, PPPoE, ARP, ICMP, FTP, SMTP, NTP, UPnP, RTSP, RTP, RTCP, HTTP, HTTPS, SSL, TCP, UDP
<b>Users</b>	5 simultaneous users

## Alarm and Event Support

<b>Alarm and event management</b>	Input: alarm buffer, alarm input, motion detection Output: network storage, FTP, SMTP, HTTP event, alarm Pre-and post alarm buffer
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## System

<b>Connectors</b>	RJ-45 Ethernet 10/ 100 Base-T(with PoE) 2 pin terminal blocks for DC power Smart focus control buttons Terminal blocks for alarm input/ alarm output Line in/ line out Reset push button NTSC/ PAL switch RCA connector for analog video output
<b>Local storage</b>	SD/ SDHC card slot
<b>LED Indicator</b>	Power status indicator Network link indicator SD card status indicator

**Software integration** ONVIF 2.3 & Profile S

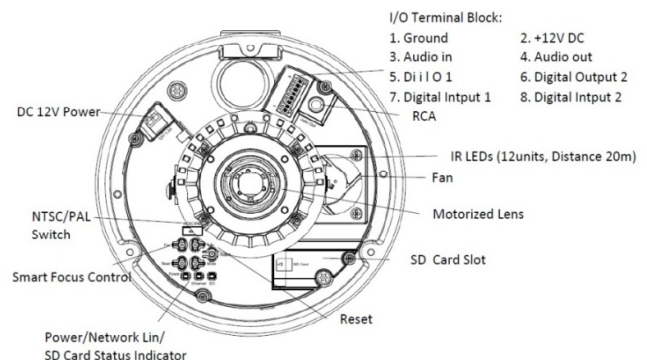
## General

<b>Casing</b>	Aluminum casing
<b>Housing</b>	IP66 rated weatherproof housing
<b>Power</b>	12V DC, 1.5A Power consumption: Max. 14W PoE(Power over Ethernet) built-in IEEE 802.3af/at (class 0)
<b>Operating conditions</b>	-40 ~ 60 °C (-40 ~ 140 °F)
<b>Installation, management and maintenance</b>	ZAVIO camera management tool on CD and web-based configuration. Configuration of backup and restore firmware upgrades over HTTP, firmware available at <a href="http://www.zavio.com">www.zavio.com</a>
<b>Minimum web browsing requirement</b>	Pentium 2.8GHz (or equivalent AMD) 256MB RAM graphic cards (or equivalent on-board graphic cards) 1G RAM Windows 2008, XP, Vista or Windows 7 Mac OS Leopard 10.5 or later
<b>Dimensions (HxWxD)</b>	$\phi$ 165 x 125mm (6.50" x 4.92")
<b>Weight</b>	1670g (3.69lb) excl. power supply
<b>Included accessories</b>	Quick installation guide, CD (IP surveillance software, IP installer, user manual and language packs), mounting and connector kits
<b>Certification</b>	CE, FCC, RoHS

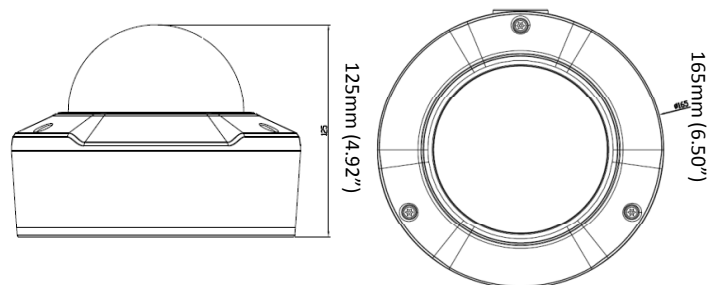
## Integration

<b>Video management software</b>	ZAVIO CamGraba 2.0 IP System software, for viewing, recording and archiving up to 64 cameras Go to <a href="http://www.zavio.com/support_softwares.php">http://www.zavio.com/support_softwares.php</a> for more software application
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## Part Names and Functions



## Dimensions



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